

ABSTRACT

A magnetic disk glass substrate including compressive stress layers at main surfaces and a tensile stress layer between the compressive stress layers formed by chemical strengthening. When the glass substrate has a thickness of less than 0.5 mm and the tensile stress layer has a thickness L and a tensile stress of P_t (kg/mm^2), the following relation holds:

$$0.4 \text{ (kg/mm)} \leq L \cdot P_t \leq 2.0 \text{ (kg/mm)}$$